

Product datasheet for **RN206221**

Igsf11 (NM_001013120) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Igsf11 (NM_001013120) Rat Untagged Clone
Tag: Tag Free
Symbol: Igsf11
Synonyms: MGC94879
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN206221 representing NM_001013120
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGACTCGGGCGGCTCCGCTCTGGCGTCTGGCTGCTCTTGTCGCTGCTCGGTGTGGCAGCATCTCTGG
 AAGTGTCGAGAGCCCAGGCAGTGTCCAGGTGGCTCGGGTCCAGACAGCAGTCTGCCCTCGCCTTCTC
 CACCAGTGTCTCTCCTGAACCTCAATGTCATTTGGATGGTTCATCCCTCTCCAATGCAAACAGCCC
 GAACAGGTCACTCTATCAGGGCGACAGATGTTTGGATGGTCCCGTTCCATGGGAGGGTAGGAT
 TTACAGGCACCATGCCTGCTACCAATGTCTCCATCTTCAATCAATCAACACAGCTGTGAGATACGGGCAC
 CTACAGTGTGGTGAATAACCTTCCAGACAGAGGGGGCAGAAACATTGGGGTCACTGGCCTCACGGTG
 TTAGTCCCCCTTCTGCTCCAACTGCCAAATCCAAGGATCTCAGGACATCGGCAGTGACGTCATCCTTC
 TGTGTAGTTCCGAGGAAGGCATCCCTCGGCCACTTACCTTTGGGAGAAGTTAGATAATACACTCAAGCT
 ACCTCCAACAGCCACTCAGGACCAGGTCCAGGGGACAGTACCATCCGGAATATTAGTGCCTCTCTTCC
 GGCTTTTACCAGTGTGTGGCTTCCAACGCCATCGGGACCAGCACCTGTCTCCTGGATCTCCAGGTTATCT
 CGCCCCAGCCCCGGAGCGTTGGAGTGATAGCCGGAGCTGTGGCACTGGTGTCTCTCATCGTCATCTG
 CTTGCACTAACTTCAAGGGCATTCTTTTACTGGAGAAGCAAAAATAAAGAGGAGGAGGAGGAAATT
 CCTAATGAAATCAGAGAGGATGATCTTCCACCTAAATGCTCTTCTGCCAAAGCATTCCACACAGAGATAT
 CCTCCTCAGAAAAAACACATTGACCTCTTCTAATACCTACAACAGTCGATACTGGAACAACAATCCCAA
 ACCCCATAAAAAACACAGAGTCTGTTCAACCACTTCACTGACTTACGCCAGTCTTTCTGGAATGCTGTT
 ATCCCGTCCATCTATGCAAATGGAACCATCTGGTTTTGGGTCCACATAAGACTCTGGTAGTTACAGCCA
 ACAGAGGGTCATCGCCCCAGGTGATGCCAGGAACAATGGTTCAGTCAGCAGGAAGCCTTGGTCTCAACA
 CACACATTCTACTGTAAGCCAAATGACCCTGGAGCGAATCGGTGCAGTGCCTGTGATGGTCCCGCC
 CAGAGTCGGGCGGGTCCCTGGT**ATAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001013120
Insert Size:	1287 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_001013120.1</u> , <u>NP_001013138.1</u>
RefSeq Size:	3675 bp
RefSeq ORF:	1287 bp
Locus ID:	303926
UniProt ID:	<u>Q5U2P2</u>
Cytogenetics:	11q21
Gene Summary:	Functions as a cell adhesion molecule through homophilic interaction. Stimulates cell growth (By similarity).[UniProtKB/Swiss-Prot Function]